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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of: Swider-Lyons et al.

Serial No: 10/673,342 Filed: 09/30/2003

For: ELECTROCHEMICAL CELLS FOR ENERGY HARVESTING

Examiner: Not Yet Assigned Art Group Unit: Not Yet Assigned

Honorable Commissioner of Patents PO Box 1450 Alexandria, VA 22313-1450

November 25, 2003

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to the provisions of 37 C.F.R. §§ 1.97 and 1.98, Applicants wish to cite the documents identified on the attached form PTO/SB/08.

Copies of the cited documents, to the extent they are available, are enclosed for the Examiner's convenience. Since the application was filed after 06/30/2003, paper copies of U.S. Patents are not supplied. Since the documents are in the English language, a concise explanation of their relevance is not necessary.

By this submission, Applicants do not assert that a search of the prior art was made or that the patents and documents cited constitute all relevant prior art. The references cited constitute only that information now known to the Applicants which, in the reasonable opinion of the Applicants, is relevant to the claimed invention.

Applicants reserve the right to remove these references by way of a declaration under 37 C.F.R. § 1.131 or 1.132.

The Examiner is requested to consider the cited documents, and to return a copy of the initialed and signed PTO/SB/08 form.

No fee is due for this information disclosure statement since it is being filed before a first Office action on the merits. However, please charge any additional fee due or credit any overpayment to Deposit Account No. 50-0281.

Respectfully submitted,

John J. Karasek Reg. No. 36, 182 Phone No. 202-404-1552 Associate Counsel (Patents) Naval Research Laboratory 4555 Overlook Ave, SW

Washington, DC 20375-5325

Prepared by: Joseph T. Grunkemeyer Reg. No. 46,746 Phone No. 202-404-1556

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Complete if Known			
Application Number	10/673,342		
Filing Date			
First Named Inventor	Swider-Lyons		
Group Art Unit	Not yet assigned	· · · · · · · · · · · · · · · · · · ·	
Examiner Name	Not yet assigned		
Attorney Docket Number	NC 84,527		

		T. T		U.S. PATENT DOCU	MENTS	
Examiner Initials	Cite No.1	U.S. Patent D	Nocument Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		6,576,524		Evans et al	06/10/03	
		6,383,363		Jow et al	05/07/02	
		6,222,723		Razoumov et al	05/24/01	
		6,097,588		Zheng et al	08/01/00	
		5,737,181		Evans	04/07/98	
		5,346,785		Akuto et al	09/13/94	
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Examiner Name	Not yet assigned	_		
Attorney Docket Number	NC 84,527			

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
		WARTENA et al, "Asymmetric Hydrous Ruo Ultracapacitors With Self-Charging Capabililities", NRL Surface Chemistry Branch, 2002, Vol. 26, 444-445	
		202nd Meeting of the Electrochemical Society, Salt Lake City, UT, October 20-25, 2002	
		Gordan Research Conference on Electrochemistry, Ventura, CA, January 12-16, 2003	
		14th International Conference on Solid State Ionics, Monteray, CA, June 22-27, 2003	
		LIU et al, "Self-discharge and potential recovery phenomena at thermally and electrochemically prepared RuO supercapacitor electrodes", Electrochimicia Acta, 1997, Vol. 42, No. 23-24, pp. 3541-3552	
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